

# SEATBELT DEVICE

## Abstract

A seat belt device including a shock absorbing mechanism to gently stop a pull-in member and to prevent a large impact force from being exerted on the pull-in member when the pull-in member is pulled in by a pre-tensioner. The device may include a wire pulled by operation of a buckle pre-tensioner at the time of an emergency, a buckle is pulled in towards a bracket while a cover contracts. Before the cover contracts to a maximum permissible contraction position, the buckle comes into contact with the free end of a shock absorbing member, and, then, is pulled in while the shock absorbing member is caused to contract. By the contraction of the shock absorbing member, the shock absorbing member absorbs impact energy of the buckle.

## Figures